

1 WHAT IS CLAIMED IS:

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Sub A' 1. A system for generating high-luminance windows on a display
2 device, comprising:

Sub B' 3 a control device coupled to said display device for processing
4 input signals and providing said processed input signals to
5 said display device; and
6 a window generator coupled to said display device for generating
7 widow information and applying said window information to
8 said control device to generate said high-luminance
9 windows.

1 2. The system of claim 1 further comprising a limiter device coupled
2 to said display device for processing said window information to limit
3 said input signals provided to said display device.

1 3. The system of claim 2 further comprising a power supply and
2 wherein said limiter device samples said power supply to determine
3 when to limit said input signals.

Sub A^2

4. The system of claim 3 further comprising a processor device which provides control signals to said window generator, said control signals including position and size information for said high-luminance windows.

1 5. The system of claim 4 wherein said display device is a computer
2 monitor including a cathode ray tube which receives said processed
3 input signals.

1 6. The system of claim 5 wherein said control device is a video
2 amplifier and said input signals are video signals provided by said
3 processor device.

Sub 3 A →

7. The system of claim 6 wherein said limiter device receives and limits said window pulse to generate and provide an analog window signal to said video amplifier.

1 8. The system of claim 7 wherein said limiter device provides said
2 analog window signal to control a gain control of said video amplifier.

1 9. The system of claim 8 wherein said limiter device controls a beam
2 current applied to said cathode ray tube in said display device.

Sub B2
1 10. The system of claim 9 wherein said control signals are generated
2 by an application program for generating high-luminance windows.

Sub A4
1 11. A method for generating high-luminance windows on a display
2 device, comprising the steps of:
3 processing input signals using a control device coupled to said
4 display device;
5 providing said processed input signals to said display device;
6 generating window information using a window generator coupled
7 to said display device; and
8 applying said window information to said control device to
9 generate said high-luminance windows.

1 12. The method of claim 11 wherein said window information
2 includes a window pulse, and further comprising the step of processing
3 said window pulse to limit said input signals using a limiter device
4 coupled to said display device.

1 13. The method of claim 12 further comprising a power supply and
2 wherein said limiter device samples said power supply to determine
3 when to limit said input signals.

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A 5 D 14. The method of claim 13 further comprising a processor device
2 which provides control signals to said window generator, said control
3 signals including position and size information for said high-luminance
4 windows.

1 15. The method of claim 14 wherein said display device is a computer
2 monitor including a cathode ray tube which receives said processed
3 input signals.

1 16. The method of claim 15 wherein said control device is a video
2 amplifier and said input signals are video signals provided by said
3 processor device.

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~~17. The method of claim 16 wherein said limiter device receives and limits said window pulse to generate and provide an analog window signal to said video amplifier.~~

18. The method of claim 17 wherein said limiter device provides said analog window signal to control a gain control of said video amplifier.

19. A computer-readable medium containing instructions for generating high-luminance windows on a display device by performing the steps of:

processing input signals using a control device coupled to said display device;

providing said processed input signals to said display device;

generating a window pulse using a window generator coupled to
said display device; and

applying said window pulse to said control device to generate said high-luminance windows.

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1 20. A system for generating high-luminance windows on a display
2 device, comprising:
3 means for processing input signals using a control device coupled
4 to said display device;
5 means for providing said processed input signals to said display
6 device;
7 means for generating a window pulse using a window generator
8 coupled to said display device; and
9 means for applying said window pulse to said control device to
10 generate said high-luminance windows

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